HP Pavilion Elite m9150f PC

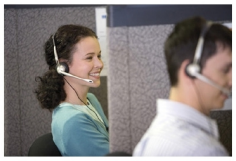
Datasheet

Highlights:

- **Intel® Core™2 Quad Processor Q6600[2]**
- **Genuine Windows Vista® Home Premium[1]**
- **3072MB memory for powerful PC performance**
- **720GB storage with dual 360GB hard drives[4] store 450 hours of recorded TV[5]**
- **HD DVD player for high definition movies**
- **SuperMulti DVD Burner with LightScribe Technology[6]**
- **NVIDIA GeForce 8500 GT graphics card with support for Microsoft® DirectX® 10**
- **Go wireless with Wireless LAN 802.11 b/g[18]; Wireless HP keyboard and mouse**
- **NTSC TV tuner and over-the-air ATSC high-definition[15] television tuner with Remote control and infrared receiver**
- **Built-in drive bay for an optional HP Pocket Media Drive[22] and HP Personal Media Drive[21]**
- **Front-panel 15-in-1 memory card reader[25]**
- **24 x 7 toll-free phone support and one-year HP limited warranty**

HP recommends Windows Vista® Business.

LightScribe technology lets you burn custom, silkscreen-quality text and images directly onto LightScribe-enabled CDs and DVDs.



Award Winning Support

High Performance for today: Supreme Expandability for tomorrow

The HP Pavilion Elite delivers an amazing high-end home entertainment experience, DX10 3D Mainstream gaming, and power for the most demanding PC tasks. This premium PC's enhanced features and technology puts everything you need where you want it.

- Go wireless and clutter-free with wireless keyboard, mouse, and remote control. The Pavilion Elite PC also features a built-in wireless antenna for Wireless LAN 802.11 b/g networking. [18]
- Press the HP Easy Backup button and instantly back-up your files.
- The built-in TV tuner and personal video recorder (PVR) let you watch, pause, rewind, and record live television - with no monthly fee. The free online Electronic Program Guide (EPG) lets you review the TV schedule and choose a single episode or an entire series.
- Value-priced NVIDIA® SLI™-Ready GeForce® 8500 graphics processors are essential for accelerating the Microsoft® Windows Vista™ experience, powering Microsoft® DirectX® 9 and DirectX 10 games, and watching HD DVD movies on a PC.
- Two built-in drive bays fit an optional HP Personal Media Drive[21], for up to 500GB of additional storage and/or an optional HP Pocket Media Drive[22] for up to 160GB or up to 660GB of additional storage space.
- The SuperMulti DVD burner with LightScribe technology lets you create custom, silkscreen-quality labels and artwork directly onto LightScribe-enabled CD and DVD discs.
- Place USB/Firewire® devices on the recessed landing pad for easy access.
- The front-panel 15-in-1 memory card reader makes it easy to transfer photos, music, and other files to and from your digital camera and other peripheral devices.[25]

Latest processor technology

The Intel®Core™2 Quad processor[2] is the latest in cutting edge processor technology for the desktop PC. Based on the new Intel®Core™ microarchitecture, the Intel Core 2 Quad processor delivers four complete execution cores within a single processor, delivering unprecedented performance and responsiveness in multi-threaded and multi-tasking business and home use environments.

High-definition

Watch HD DVD[6] on your PC. Enjoy brilliant HD DVD content.

- Bridge the gap between the two competing high definition blue laser formats.
- Enjoy the best of both high definition formats on your PC with one optical drive.
- Thrilling colorful high definition content is now accessible with your dual format "Universal Player" optical drive.

Service and support

HP stands behind our products and protects your investment with award-winning service and support available around the clock by phone, e-mail, and online.[10]

- HP Total Care offers expert assistance 24 x 7:
  - Toll-free telephone support at 1.800.HP.INVENT (1.800.474.6836) in English and Spanish in the United States or English and French in Canada.
  - Real-time online chat.
  - E-mail, usually answered within one hour.
- A desktop icon offers one-click access to online technical support, troubleshooting and downloads.

Capability meets possibility

The Windows Vista® Home Premium operating system[(1)] is the preferred edition for home desktop PCs. With extensive digital entertainment features, expanded search capabilities and the fluid, three-dimensional Windows Aero™ user interface, it provides a truly extraordinary user experience.

All disclaimers are at the end of page 2.

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Specifications

Operating System	• Genuine Windows Vista® Home Premium[1]
Processor	• Intel® Core™2 Quad Processor Q6600[2]
Processor Speed	• 2.40GHz[2]
Chipset	• Intel® G33 Express Chipset
Cache (L2)	• 8MB L2 Cache
Bus Speed	• 1066MHz Front Side Bus
Memory	• 3072MB PC2-5300 DDR2 SDRAM memory[3] (2x1024MB 2x512MB)
Hard Drive	• 720GB (2x360GB) 7200RPM SATA hard drives[4]
Expandable Drive Bay	• HP Personal Media Drive bay[22] • HP Pocket Media Drive bay[21]
Optical Drive(s)	• HD DVD player for high definition movies: 2.4x HD DVD-ROM, 5x DVD-ROM, 15x CD-ROM[6] • SuperMulti DVD burner with LightScribe Technology: 16x DVD±R, 8x DVD+RW, 6x DVD-RW, 8x DVD+R DL, 8x DVD-R DL, 12x DVD-RAM, 16x DVD-ROM, 40x CDR, 32x CDRW, 40x CD-ROM[6]
Video Graphics	• NVIDIA GeForce 8500 GT graphics card with 256MB dedicated video memory, TV-out, DVI, and HDMI capabilities with support for Microsoft® DirectX® 10. Up to 1535MB Total Available Graphics Memory as allocated by Windows Vista®.
Network Interface	• 10/100/1000 Base-T network interface
Wireless Connectivity	• Wireless LAN 802.11 b/g[18]
Sound	• High Definition Audio, 8 speaker configurable
Personal Video Recorder	• NTSC TV tuner, over-the-air ATSC high-definition television tuner, and FM tuner (antenna included)[15]
Remote Control	• HP Media Center remote control with IR (infrared) receiver
Fax/Modem	• 56k modem[7]
Memory Slots	• 4 DIMM (240-pin, DDR2) (occupied)
Expansion Slots	• 1 PCI (occupied) • 2 PCI Express x1 (one available) • 1 PCI Express x16 (occupied)
Expansion Bays	• 2 external 5.25"(occupied) • 1 external 3.5" (occupied) • 2 internal 3.5" (occupied)
External Ports	• Front panel 15-in-1 memory card reader: supports SmartMedia, xD, MultiMedia Card, Secure Digital (SD), Mini Secure Digital, Compact Flash I, Compact Flash II, IBM Microdrive, Memory Stick, Memory Stick Pro, Memory Stick Duo, Memory Stick Pro Duo, RSMMC, MMC Mobile, MMC+ • 6 USB 2.0 ports (2 Front, 4 Back) • 2 FireWire® (IEEE 1394) port(s) (1 Front, 1 Back) • Headphone; Microphone • 2 PS/2; Digital Audio In/Out; LAN; Microphone/Line-in/Line-out; Rear speaker-out; Side speaker out; Center (subwoofer); VGA-out (Back); AUD L-R, SV, CV • TV-out, DVI, and HDMI capabilities on graphics card
Mouse and Keyboard	• HP wireless keyboard and optical mouse with extended range (up to 16 feet)
Dimensions	• Unpackaged: 16.61"(L/D) x 7.00"(W) x 15.51"(H) approx. • Packaged: 19.49"(L/D) x 11.89"(W) x 20.24"(H) approx.
Weight	• Unpackaged PC Only: 24.25 lbs approx. • Packaged: 31.53 lbs approx.

Warranty and Support	• **Warranty Options:** - One-year limited PC hardware warranty and software support - Service Delivery: Customer Replaceable Parts; Return to hp for repair; Authorized Service Provider. For information, visit www.hp.com/support • **Support Options:** - Desktop icon provides one click access to built-in desktop Help and Support Center. - Easy, online access to questions, answers and troubleshooting information via www.hp.com/support - Direct, knowledgeable assistance available 24/7 toll-free by phone. • **Extended Service Plans:** - You can choose from a variety of Extended Service Plans from HP to meet your individual needs by calling 1-866-234-1377 or by going to www.hp.com/go/totalcare

Software

Photo and Video	• HP Photosmart Essential: Organize, edit and share photos • muvee autoProducer: Automatically create professional looking home videos and burn to DVD • DVD Play HD-DVD: Watch HD DVD movies
Entertainment	• Cyberlink DVD Suite Deluxe: Automatically fix and edit videos and create CDs and DVDs. Edit, burn and archive data to discs.[13]
Productivity	• Microsoft® Works 9: Includes a word processor, spreadsheet, database and calendar • Microsoft® Office Home and Student Edition 2007 Trial: 60-day trial version[14] • Adobe® Reader 8.0: Read and print PDF files • HP Total Care Advisor: Customizable desktop tool provides support, system health and shopping information.
PC Security	• HP Easy Backup - backs up your personal files, including photos, music, video, emails, bookmarks and documents. • Norton Internet Security 2008: Protect your PC out of the box (60 days of complimentary live updates)[11]
Online Services	• Easy sign-up to major dial-up and broadband Internet Service Providers:[15] - AOL Basic Dial-Up (offer included) - AOL Dial-Up Advantage (offer included) - MSN dial-up (offer included) - EarthLink Dial-up (offer included) - NetZero Dial-Up (offer included) - NetZero Accelerated Dial-Up (offer included) - Juno Turbo Dial-Up (offer included) - High Speed Internet Services Comparison Shopping

HP recommends Windows Vista® Business.

Visit www.hp.com for more details!

[1]Certain Windows Vista product features require advanced or additional hardware. See www.microsoft.com/windowsvista/getready/hardwarereqs.mspx and www.microsoft.com/windowsvista/getready/capable.mspx for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit www.windowsvista.com/upgradeadvisor.
[2] GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance.Dual Core is a new technology designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology.
[3] Up to 256MB of main system memory may be allocated to support video graphics.
[4] For hard drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 10GB of storage space is reserved for the system recovery software.
[5] Capacity based on average compressed .jpg size of 2MB/image @ 4MP.
[6] Actual speeds may vary. Does not permit copying of commercially available DVD movies or other copyright-protected materials. Intended only for creation and storage of original material and other lawful uses. Double Layer is a new technology. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. When mentioning drive speed, add: 16x max DVD-ROM drive data transfer rates up to 6,000 KB/s (CD read) and 21,632 KB/s (DVD read). As HD DVD is a new format containing new technologies, certain disc, digital connection, compatibility and/or performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some HD DVD titles to play, they may require a DVI or HDMI digital connection and your display may require HDCP support. Blu-ray Disc movies cannot be played on this Desktop PC.Data transfer rates up to 2,250 KB/s (CD read), 6,760 KB/S (DVD read) and 10,706 KB/s (HD DVD-ROM read).

NOTE: HD DVD Disclaimer only applies to Consumer Desktop PCs only.(HD DVD Player) Some HD DVD advanced features may not be supported. CPU power is dedicated to support HD DVD playback function, it is recommended that you close all other applications before and during HD DVD playback. HD DVD movies will only play through the DVD Play HD DVD player software. Advanced Access Content System (AACS) keys are integrated into your PC for copy protection purposes. Occasional renewal of the AACS key is required, and easily done by connecting to the internet.
[7] 33.6 Kbps send/up to 56 Kbps download/14.4 Kbps fax.
[10] Internet access required.
[11] Internet access required. First 60 days included; subscription required for live updates afterwards.
[12] Internet access may be required.
[13] Intended for your original content and other lawful uses.
[14] The Microsoft® Office Home and Student Edition 2007 is a trial version; functionality is reduced after 60 days. The full version is sold separately.
[15] Internet access requires payment of additional fees or subscription for use. Offer does not include local telephone company charges, if any, or applicable taxes. Any long distance charges incurred will be the responsibility of the customer. Please make sure your access number is local. A valid credit card is required to initiate the service. This offer valid in the U.S.A. only. Additional terms and conditions may apply, see AOL offer for details.

[17] ATSC high-definition (HD) source content varies and will depend on broadcast signal, antenna, and other factors. In cities where local off-air HD programs are available, reception may vary based on geographic location. An external over-the-air antenna that receives UHF and VHF signals is required for ATSC reception. Viewing HD content will require a compatible high-definition display. Ability to record, edit, or transfer broadcast content such as TV programming may be limited depending on the type of content.
[18] Wireless access point and Internet service sold separately.
[21] HP Personal Media Drive sold separately.
[22] HP Pocket Media Drive sold separately.
[24] Power supply upgrade may be required for graphics card upgrade, check with graphics card supplier.
[25] Supports Smart Media, xD, MultiMedia Card (MMC), Reduced Size-MMC (RS-MMC), MMCplus, MMCmobile, Secure Digital (SD), miniSD, Compact Flash I, Compact Flash II, Microdrive, Memory Stick (MS), MS PRO, MS Duo, MS PRO D.
Monitor and speakers sold separately. Actual product may vary from image shown on datasheet. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing shall be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. ©2008 Hewlett-Packard Development Company, L.P. 11/16_r1 kh **Product Number: KC880AA#ABA**

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